

Three coils of flexible PVC hoses are shown against a white background. The hoses are arranged in a row, with the red coil on the left, the blue coil in the middle, and the white coil on the right. Each coil is secured with black straps. The hoses have a ribbed texture and are made of a flexible material.



Legend warrants HyperPure Bimodal Polyethylene
Raised-Temperature Tube for 100 years.



HyperPure is made with bimodal resin, which weaves molecular chains, granting extra strength and toughness without sacrificing flexibility. Our PE-RT tube meets and exceeds PEX plumbing standards.

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Our tube is incredibly flexible and designed to be compatible with many different fitting systems, including fusion welds, making it one of the most versatile tubes currently available on the market.

No chemical treatments are used to produce HyperPure, keeping it fully compliant with HDPE Code 2 guidelines. You can save water by skipping line flushing and reduce job site waste by recycling scrap.

- No flushing required to remove odor or taste
- No chemical cross-linking needed



FREQUENTLY ASKED QUESTIONS:

Q: What is PE-RT resin, and why is it good?

A: HyperPure is made with Dow's HyperTherm™ bimodal PE-RT resin. Unlike other commonly used PE-RT resins used in tube, HyperTherm weaves together long and short chains of molecules without permanently altering them. The end result is a strong and flexible material that can be fused and recycled.

- Accepted by National Plumbing Codes (IPC & UPC)
- Meets ASTM F2769 (ASTM F876/877 Equivalent)
- CL-5 Chlorine Resistance

Q: Is HyperPure the same as other kinds of PE-RT tube?

A: No. HyperPure uses a bimodal PE-RT resin specially formulated by the Dow Chemical Company for use in potable water applications. HyperPure is also listed to a different ASTM standard than radiant PE-RT, which requires different levels of testing.

Q: How does PE-RT compare to PEX?

A: Our tube meets and exceeds the same standards required of PEX tube. It's also fusible, recyclable, and doesn't require line-flushing to remove residual chemical taste or odor.

Q: Can I use HyperPure in all potable water applications?

A: Yes. HyperPure is tested and third-party certified to ASTM F2769, which is the potable PE-RT equivalent of ASTM F876. Tube listed to ASTM F2769 is approved for use as potable water distribution pipe in all states and localities following the 2012 International and Uniform Plumbing Codes. HyperPure is also ICC-ES-PMG listed, meeting all of the 2009 requirements of IPC and UPC.

HyperPure PE-RT (ASTM 2769)	PEX-a Tube (ASTM 876/877)
ASTM F2769 PE-RT in ASTM F2769 requires 720 hours of testing at 210°F (99°C). Based on ASTM D1598. In ASTM 2769 hot bend tests, PE-RT tubing is heated, bent, and pressurized for 1000 hours at 180°F (82°C). <ul style="list-style-type: none">• 200psi at 73°F (22.78°C)• Temperatures up to 180°F (82°C)• Burst Pressure 720psi @ 73°F (23°C)• Bend radius is 5 times the O.D.	ASTM F876 PEX in ASTM F876 requires 720 hours of testing at 210°F (99°C). Based on ASTM D1598. In ASTM 876 hot bend tests, PEXa tubing is heated, bent, and pressurized for 1000 hours at 180°F (82°C). <ul style="list-style-type: none">• 160psi at 73°F (22.78°C)• Temperatures up to 200°F (93°C)• Burst Pressure 475psi @ 73°F (23°C)• Bend radius is 5 times the O.D.

Q: What kind of fittings can I use with it?

A: HyperPure is compatible with all commonly used types of PEX fittings, including cold expansion, copper and stainless steel crimp/cinch, stainless steel PEX press, insert, push-to-connect, and fusion fittings.

